



Massachusetts Green Ribbon Schools

Emma Krause
DOER Green Communities Division

Lauren Greene, Program Coordinator
Dept. of Elementary & Secondary Education (ESE)

Phoebe Beierle
Sustainability Manager, Boston Public Schools

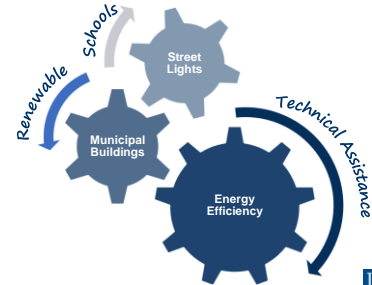


Helping Massachusetts Municipalities Create A Cleaner Energy Future



1

Green Communities Division
The energy hub for *all* Massachusetts cities and towns,
not just designated "Green Communities."



Helping Massachusetts Municipalities Create A Cleaner Energy Future



2

Outreach - Regional Coordinators

- Regional Coordinators act as direct liaisons with cities and towns on energy efficiency and renewable energy activities
- Located at each of the DEP Regional Offices:



SERO – LAKEVILLE: Seth Pickering
Seth.Pickering@state.ma.us

NERO – WILMINGTON: Joanne Bissetta
Joanne.Bissetta@state.ma.us

CERO – WORCESTER: Kelly Brown
Kelly.Brown@state.ma.us

WERO – SPRINGFIELD: Jim Barry
Jim.Barry@state.ma.us



Helping Massachusetts Municipalities Create A Cleaner Energy Future



3

Programs & Resources for Municipalities

- Green Communities Designation and Grant Program
- MassEnergyInsight energy tracking and analysis tool
- Municipal Energy Efficiency Program
- Energy Management Services Technical Assistance
- Partnerships with Mass. CEC – Solarize MA and Community Energy Strategic Planning
- Owner's Agent Technical Assistance
- Massachusetts Municipal Energy Group (MMEG) – operated by MMA and funded by DOER
- Website filled with tools & resources
www.mass.gov/energy/greencommunities



Email updates – [Sign up](#) on the Green Communities web page

Helping Massachusetts Municipalities Create A Cleaner Energy Future



4



Lauren Greene

Program Coordinator
MA Department of Elementary and Secondary Education

lgreene@doe.mass.edu



Helping Massachusetts Municipalities Create A Cleaner Energy Future



5

Poll Question #1

Who's participating today? Are you:

- a teacher
- a school administrator
- a school volunteer or parent
- a municipal employee
- a member of a school partner organization
- ?



Helping Massachusetts Municipalities Create A Cleaner Energy Future



6



Launched by U.S. Department of Education,
U.S. Environmental Protection Agency, and The
Council on Environmental Quality



Helping Massachusetts Municipalities Create A Cleaner Energy Future



7

Massachusetts Working Group on Green Ribbon Schools

Government Agencies:

- MA Executive Office of Education
 - Dept. of Elementary and Secondary Education
- MA Executive Office of Energy and Environmental Affairs
 - Dept. of Energy Resources
 - Dept. of Environmental Protection
 - Dept. of Agricultural Resources
- MA Dept. of Public Health
- MA School Building Authority
- U.S. Environmental Protection Agency, Region 1



Helping Massachusetts Municipalities Create A Cleaner Energy Future



8

Massachusetts Working Group on Green Ribbon Schools

Private Sector/Non-Governmental Organizations:

- MassCOSH (MA Coalition for Occupational Safety & Health)
- Northeast Energy Efficiency Partnership
- NSTAR
- Project Green Schools
- U.S. Green Building Council Massachusetts Chapter



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS
FACILITATING PARTNERSHIPS TO ADVANCE ENERGY EFFICIENCY



MassCOSH



MASS
GREEN
SCHOOLS

GREENSCHOOLS
PERSONALIZED EDUCATION. JOINTED. ACTION.



Helping Massachusetts Municipalities Create A Cleaner Energy Future



9

Three Pillars of Green Ribbon Schools

- Reduce environmental impact and costs
- Improve the health and wellness of schools, students, and staff
- Provide environmental education, which teaches many disciplines, and is especially good at effectively incorporating STEM, civic skills, and green career pathways



Helping Massachusetts Municipalities Create A Cleaner Energy Future



10

Green Ribbon Schools

- Is NOT an additional set of priorities for schools.
- Connects schools with *existing resources and standards* that advance current goals.
- Recognizes schools that meet a variety of existing standards, implementing or employing numerous complementary policies and resources
- Provides state applications that are a learning tool for schools to obtain a baseline assessment in all three pillars



Helping Massachusetts Municipalities Create A Cleaner Energy Future



11

2013-2014 Honorees at a Glance

U.S. Department of Education Green Ribbon Schools
District Sustainability Awardes

Total Honorees

States Represented

Public Schools

Private Schools

Disadvantaged Schools and Districts

Rural Schools and Districts

Early Learning Programs

Charter Schools

Magnet Schools

Career and Technical Schools

48

9

57

27

39

9

21

18

10

3

1

3



Quincy High School

Massachusetts Honorees

2014 Boston Latin School

2013 The Berkshire School (private)

Manchester-Essex Regional Middle High School

Quincy High School

Acton-Boxborough Regional School District



Helping Massachusetts Municipalities Create A Cleaner Energy Future



12

Poll Question #2

Based on what you've heard so far, how likely are you to apply for the Green Ribbon School award this year?

- Very likely
- Somewhat likely
- Unlikely
- Plan to wait until school year 2015



Helping Massachusetts Municipalities Create A Cleaner Energy Future



13

Timeline of 2014-2015 GRS Awards

- **October 8** Green Ribbon Schools Award Webinar
- **October 31** Letter of intent to apply from schools or districts (non binding)
- **December 11** School and district applications due to ESE
- **February 1** Massachusetts submits nominees to US Dept. of Education
- **April 22** National Honorees announced by USED
- **Spring 2015** In-state recognition ceremony for Massachusetts nominees
- **July 2015** National Honorees awarded at a national ceremony



Helping Massachusetts Municipalities Create A Cleaner Energy Future



14

Application & Submission Process

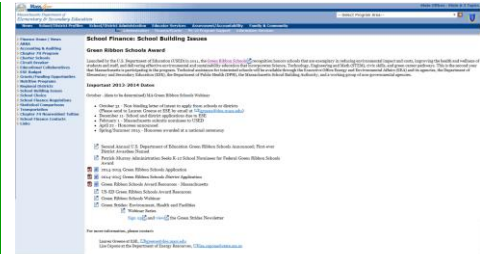
- Accepting applications from public and private schools & districts
 - Each authority is permitted as many as five nominations (four schools and one district).
 - If more than one school is nominated, at least one must be a school with at least 40 percent of students from a disadvantaged background.
 - If more than three schools are nominated, the fourth must be a private school.
- State education authorities evaluate schools based on the 3 Pillars and Frameworks. Nominees are strong in all three pillars, don't just a focus on one.



Helping Massachusetts Municipalities Create A Cleaner Energy Future



15



<http://www.doe.mass.edu/finance/building/GreenRibbon/>

[US-ED helpful resources](#)

Green Strides webinar series - <http://www2.ed.gov/about/initiatives/green-strides/webinar.html>

US-ED has also posted resources, here- <http://www2.ed.gov/about/initiatives/green-strides/resources.html>

Nominee applications and highlights are posted here-

<http://www2.ed.gov/programs/green-ribbon-schools/index.html>



Helping Massachusetts Municipalities Create A Cleaner Energy Future



16

Green Ribbon Schools in Massachusetts

Contact Information

Lisa Capone (DOER)
Lisa.capone@state.ma.us

Lauren Greene (ESE)
lgreene@doe.mass.edu



BOSTON
Public Schools
Focus on Children

The Green Ribbon Story at Boston Latin School

October 8, 2014

Phoebe Beierle

Boston Public Schools

www.bostongreenschools.org | Boston Public Schools Facilities Management



CENTER FOR GREEN SCHOOLS FELLOWS PROGRAM

Boston Latin School



- Oldest School in Boston
- Grades 6-12
- 2,400 students
- YouthCAN (student led youth group)
- www.blsyouthcan.org



➢ www2.ed.gov/programs/green-ribbon-schools

See Highlights from the 2014 Honorees for application details



www.bostongreenschools.org | Boston Public Schools Facilities Management

20



3 Pillars:

Environmental Impact and Energy Efficiency

Healthy Environments

Environmental Literacy

www2.ed.gov/programs/green-ribbon-schools

www.bostongreenschools.org | Boston Public Schools Facilities Management

Pillar 1: Env Impact & Energy Efficiency



www.bostongreenschools.org | Boston Public Schools Facilities Management



3 Pillars:

Environmental Impact and Energy Efficiency

Healthy Environments

Environmental Literacy

www2.ed.gov/programs/green-ribbon-schools

www.bostongreenschools.org | Boston Public Schools Facilities Management

Pillar 2: Healthy Environments



www.bostongreenschools.org | Boston Public Schools Facilities Management

24



3 Pillars:



www2.ed.gov/programs/green-ribbon-schools

www.bostongreenschools.org | Boston Public Schools Facilities Management

Pillar 3: Environmental Literacy



Random Acts of Green is an effort to establish a permanent culture of sustainability school-wide at BLS by promoting engagement in sustainability efforts by students, faculty and administrators.

www.bostongreenschools.org | Boston Public Schools Facilities Management

26

Green Ribbon Tips



- Tip 1** Review application & review it again until you know it well
- Tip 2** Form your Green Ribbon team
- Tip 3** Host a kick off meeting
- Tip 4** Communicate efficiently and regularly with stakeholders
- Tip 5** Involve Students as much as possible

www.bostongreenschools.org | Boston Public Schools Facilities Management

27

Contact Information

Phoebe Beierle, Boston Public Schools
pbeierle@bostonpublicschools.org

Cate Arnold – Boston Latin School YouthCAN Advisor
catebarnold@aol.com

www.synapse-energy.com | ©2014 Synapse Energy Economics Inc. All rights reserved.

28